

1 Claims

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- 3 1. A foot pedal for use as an automotive brake or clutch operator,
- 4 comprising:
- 5 an elongated lever body comprised of a metal tubular core;
- 6 a plastic overmolded component at least partially enclosing said metal tubular
- 7 core, said plastic overmolded component including an integrally formed foot pad at one end of
- 8 said elongated lever body and a pivot lug at the other end.
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- 10 2. The pedal according to claim 1 wherein said tubular core is constructed of
- 11 steel.
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- 13 3. The pedal according to claim 1 wherein said overmolded component is
- 14 molded from a glass filled plastic.
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- 16 4. The pedal according to claim 1 wherein said elongated lever body is
- 17 curved.
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- 19 5. The pedal according to claim 3 wherein said plastic comprises nylon.
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- 21 6. A method of manufacturing an automotive brake pedal comprising the
- 22 steps of:

1 forming an elongated lever body from a steel tubular core;
2 said step of forming an elongated lever body further including the step of
3 overmolding a plastic component at least partially over said steel tubular core;
4 said step of overmolding said plastic component further including the step of
5 molding a foot pad integral therewith at one end of said elongated lever body and a pivot lug at
6 the other end thereof.

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8 7. The method according to claim 6 wherein a glass filled plastic is used to
9 overmold said plastic component.

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11 8. The method according to claim 6 wherein said step of forming an
12 elongated lever body further includes the step of forming said tubular core into a curved shape.